

OM nucleic - nucleic search, using sw model

Run on: March 2, 2002, 20:03:35 ; Search time 75.14 Seconds  
(without alignments)  
1229.745 Million cell updates/sec

Title: US-09-540-235-1

Perfect score: 408

Sequence: 1 acggccgtcggattggaaatta.....acatccatctaattttttta 408

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%, Maximum Match 100%, Listing first 45 summaries

Database : Issued\_patents\_NA:\*

1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq:\*

2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq:\*

3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq:\*

4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq:\*

5: /cgn2\_6/ptodata/1/ina/PCITS\_COMB.seq:\*

6: /cgn2\_6/ptodata/1/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result NO. | Score | Query Match | Length | DB ID | Description       |
|------------|-------|-------------|--------|-------|-------------------|
| c 1        | 80.8  | 19.8        | 727    | 4     | US-08-998-416-48  |
| c 2        | 74.8  | 18.3        | 721    | 4     | US-08-998-416-114 |
| c 3        | 43.0  | 10.5        | 337    | 4     | US-08-328-111-586 |
| c 4        | 39.6  | 9.7         | 7218   | 4     | US-08-463-14      |
| c 5        | 32.2  | 7.9         | 1039   | 4     | US-08-975-762-36  |
| c 6        | 32.2  | 7.9         | 1039   | 4     | US-08-821-324-36  |
| c 7        | 32.2  | 7.9         | 1039   | 4     | US-08-295-028-36  |
| c 8        | 32.2  | 7.9         | 1039   | 4     | US-08-106-582-36  |
| c 9        | 32.2  | 7.9         | 2706   | 4     | US-08-066-046-23  |
| c 10       | 32.2  | 7.9         | 3073   | 4     | US-08-975-762-41  |
| c 11       | 32.2  | 7.9         | 3073   | 4     | US-09-295-028-41  |
| c 12       | 32.2  | 7.9         | 3073   | 4     | US-09-106-582-41  |
| c 13       | 31.2  | 7.6         | 2155   | 1     | US-08-214-583-1   |
| c 14       | 31.1  | 7.6         | 918    | 1     | US-08-844-085-5   |
| c 15       | 29.6  | 7.3         | 2678   | 1     | US-08-724-194-2   |
| c 16       | 29.2  | 7.2         | 248    | 4     | US-08-005-32      |
| c 17       | 29.2  | 7.2         | 248    | 4     | US-09-244-796-32  |
| c 18       | 29.2  | 7.2         | 277    | 4     | US-09-077-005-3   |
| c 19       | 29.2  | 7.2         | 277    | 4     | US-08-244-796-3   |
| c 20       | 28.8  | 7.1         | 635    | 4     | US-08-998-416-49  |
| c 21       | 28.8  | 7.1         | 5433   | 3     | US-08-929-329-1   |
| c 22       | 28.6  | 7.0         | 2332   | 2     | US-08-727-126-1   |
| c 23       | 28.6  | 7.0         | 2332   | 3     | US-08-942-761-1   |
| c 24       | 28.6  | 7.0         | 2332   | 1     | US-08-248-474-53  |
| c 25       | 28.6  | 6.9         | 235    | 3     | US-08-756-849-53  |
| c 26       | 28.6  | 6.9         | 1734   | 1     | US-08-551-437-4   |

ALIGNMENTS

US-08-998-416-48

ORGANISM: PAG1678U  
; US-08-998-416-1114

| Query      | Match      | 18.3%                                                       | Score | 74.8       | DB      | 4      | Length | 721  |
|------------|------------|-------------------------------------------------------------|-------|------------|---------|--------|--------|------|
| Best Local | Similarity | 61.1%                                                       | Pred. | No.        | 1.2e-15 |        |        |      |
| Matches    | 121;       | Conservative                                                | 0;    | Mismatches | 77;     | Indels | 0;     | Gaps |
| Qy         | 105        | tccaaatgttagatcgatgttgcataagaagaagcggagaacttcaagcacatct     | 164   |            |         |        |        |      |
| Db         | 481        | TCAGCAGAGTCAGTCAGACAGAAGAACGGCAGAACGGCTACTACACCGCCACT       | 540   |            |         |        |        |      |
| Qy         | 165        | tctgtatcgacgaaatactcgatgtgcacccctgtccaaagactacatcgaaatacgc  | 224   |            |         |        |        |      |
| Db         | 541        | TCCGAGGCCCGCTGATCATGTCATGTCATCCAGAGAGTGGAGACGAGTACAC        | 600   |            |         |        |        |      |
| Qy         | 225        | gttcgttcttttacatcgatcgaaagagacgaaatccatgttcacggatctcaag     | 284   |            |         |        |        |      |
| Db         | 601        | ATCAAGCTCTTACAACTAGAAAGGACACGAGATTATGGTGTGCTGGCTCAAAGA      | 660   |            |         |        |        |      |
| Qy         | 285        | ggtagaaaggaaatgttgcgttttttttttttttttttttttttttttttttttttttt | 302   |            |         |        |        |      |
| Db         | 661        | GGCCAAGAGGGCAGGTT                                           | 678   |            |         |        |        |      |

**RESULT** 2  
**US-998-416-1114**  
**Sequence 114, Application US/08998416**  
**Patent No. 6239264**  
**GENERAL INFORMATION:**  
**APPLICANT:** Philippssen, Peter  
**APPLICANT:** Pohlmann, Rainer  
**APPLICANT:** Steiner, Sabine  
**APPLICANT:** Mohr Christine  
**APPLICANT:** Wendland, Jürgen  
**APPLICANT:** Knechtli, Philipp  
**APPLICANT:** Reibischung, Corinne  
**APPLICANT:** Rebischung, Corinne  
**TITLE OF INVENTION:** GENOMIC DNA SEQUENCES OF ASHBYA GOSSYPII  
**TITLE OF INVENTION:** AND USES THEREOF  
**NUMBER OF SEQUENCES:** 1152  
**CORRESPONDENCE ADDRESS:**  
**ADDRESSEE:** No. 6239264artis Corporation  
**STREET:** 3054 Cornwallis Road  
**CITY:** Research Triangle Park  
**STATE:** No. 6239264th Carolina  
**COUNTRY:** USA  
**ZIP:** 27709  
**COMPUTER READABLE FORM:**  
**MEDIUM TYPE:** Floppy disk  
**COMPUTER:** IBM PC compatible  
**OPERATING SYSTEM:** PC-DOS/MS-DOS  
**SOFTWARE:** Patentin Release #1.0, Version #1.30  
**CURRENT APPLICATION DATA:**  
**APPLICATION NUMBER:** US/08/998,416  
**FILING DATE:** 24-DEC-1997  
**CLASSIFICATION:** 435  
**PRIOR APPLICATION DATA:**  
**APPLICATION NUMBER:** CH 0016/97  
**FILING DATE:** 31-DEC-1996  
**ATTORNEY/AGENT INFORMATION:**  
**NAME:** Meigs, J. Timothy  
**REGISTRATION NUMBER:** 38,241  
**REFERENCE/DOCKET NUMBER:** PF/5-30306/A/GCG1976  
**TELECOMMUNICATION INFORMATION:**  
**TELEPHONE:** 919-541-8887  
**TELEFAX:** 919-541-8887  
**INFORMATION FOR SEQ ID NO: 1114:**  
**SEQUENCE CHARACTERISTICS:**  
**LENGTH:** 721 base pairs  
**TYPE:** nucleic acid  
**STRANDEDNESS:** single  
**TOPOLOGY:** linear  
**MOLECULE TYPE:** DNA (genomic)  
**ORIGINAL SOURCE:**

Sequence 14, Application US/08232463 ; RESULT 5  
 Patient No. 5670367 ; US-08-975-762-36  
 GENERAL INFORMATION: ; Sequence 36, Application US/08975762  
 APPLICANT: DORNER, F. ; Patent No. 6207169  
 APPLICANT: SCHIEFLINGER, F. ; GENERAL INFORMATION:  
 APPLICANT: FALKNER, F. G. ; APPLICANT: Reed, Steven G.  
 TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS ; APPLICANT: Hodges, Michael J.  
 NUMBER OF SEQUENCES: 52 ; APPLICANT: Boughman, Raymond  
 CORRESPONDENCE ADDRESS: ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND  
 ADDRESSEE: Foley & Lardner ; NUMBER OF SEQUENCES: 73  
 STREET: 1800 Diagonal Road, Suite 500 ; CORRESPONDENCE ADDRESS:  
 CITY: Alexandria ; ADDRESSEE: SEED and BERRY LLP  
 STATE: VA ; STREET: 6300 Columbia Center, 701 Fifth Avenue  
 COUNTRY: USA ; CITY: Seattle  
 ZIP: 22313-0299 ; STATE: Washington  
 COMPUTER READABLE FORM: ; COUNTRY: USA  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-POS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA: ; APPLICATION NUMBER: US/08/232,463  
 APPLICATION NUMBER: US/07/935,313  
 CURRENT APPLICATION DATA: ; FILING DATE: 26-AUG-1991  
 FILING DATE: 26-AUG-1991  
 ATTORNEY/AGENT INFORMATION: ; ATTORNEY/AGENT INFORMATION:  
 NAME: BENT, Stephen A. ; NAME: Maki, David J.  
 REGISTRATION NUMBER: 29,768 ; REGISTRATION NUMBER: 31,392  
 REFERENCE/DOCKET NUMBER: 30472/114 IMMU ; REFERENCE/DOCKET NUMBER: 210121,439  
 TELECOMMUNICATION INFORMATION: ; TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (703)836-9300 ; TELEPHONE: 206-622-4900  
 TELEFAX: (703)682-4109 ; TELEFAX: 206-622-6031  
 INFORMATION FOR SEQ ID NO: 36: ; INFORMATION FOR SEQ ID NO: 36:  
 SEQUENCE CHARACTERISTICS: ; SEQUENCE CHARACTERISTICS:  
 LENGTH: 7218 base pairs ; LENGTH: 1039 base pairs  
 SEQUENCE: ; SEQUENCE:  
 TYPE: nucleic acid ; TYPE: nucleic acid  
 STRANDEDNESS: single ; STRANDEDNESS: single  
 TOPOLOGY: linear ; TOPOLOGY: linear  
 ORIGIN: ; MOLECULE TYPE: DNA (genomic)  
 ORGANISM: Ehrlichia ; ORIGIN: ; MOLECULE TYPE: DNA (genomic)  
 IMMEDIATE SOURCE: ; ORGANISM: Ehrlichia  
 CLONE: PTZGPT-F1S ; IMMEDIATE SOURCE:  
 US-08-232-463-14 ; CLONE: PTZGPT-F1S  
 ; RESULT 6  
 ; Sequence 36, Application US/08821324  
 ; General Information: ; Sequence 36, Application US/08821324  
 ; Patient No. 6231869  
 ; General Information: ; General Information:  
 ; APPLICANT: Reed, Steven G. ; APPLICANT: Reed, Steven G.  
 ; APPLICANT: Hodges, Michael J. ; APPLICANT: Hodges, Michael J.  
 ; APPLICANT: Boughman, Raymond ; APPLICANT: Boughman, Raymond  
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND  
 ; NUMBER OF SEQUENCES: 38 ; NUMBER OF SEQUENCES: 38  
 ; CORRESPONDENCE ADDRESS: ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: SEED and BERRY LLP ; ADDRESSEE: SEED and BERRY LLP  
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue ; STREET: 6300 Columbia Center, 701 Fifth Avenue  
 ; CITY: Seattle ; CITY: Seattle  
 ; STATE: Washington ; STATE: Washington



TITLE OF INVENTION: CHARATERIZATION OF GRANULOCYTIC  
 NUMBER OF SEQUENCES: 65  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: HALLE AND DORR LLP  
 STREET: 60 State Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: United States  
 ZIP: 02109  
 COMPUTER READABLE FORM:  
 COMPUTER: IBM PC compatible  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/066,046A  
 FILING DATE: 24-Apr-1998  
 CLASSIFICATION: <Unknown>  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Superko, Colleen  
 REGISTRATION NUMBER: 39,850  
 REFERENCE/DOCKET NUMBER: 106.941.155  
 TELEPHONE: (617) 526-6000  
 TELEFAX: (617) 526-5000  
 INFORMATION FOR SEQ ID NO: 23:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2706 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
 6-046-23  
 10  
 5-762-41/C  
 ce 41, Application US/08975762  
 NO. 62071169  
 ADDITIONAL INFORMATION:  
 LICENTIANT: Reed, Steven G.  
 LICENT: Lodes, Michael J.  
 NAME OF INVENTION: Houghton, Raymond  
 P. CORRESPONDENCE ADDRESS:  
 ADDRESSEE: SEED and BERRY LLP  
 STREET: 6300 Columbia Center, 701 Fifth Avenue  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: USA  
 IP: 98104  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS





Mon Mar 4 11:24:43 2002

us-09-540-235-1.rni